


Question	Answer
13.	about 56.6 in.; about 418.3 in.
14.	$58^\circ$
15.	$122^\circ$
17.	$62^\circ$
18.	96.6
19.	$\pm 4\sqrt{5}$
20.	2.8
21.	3.6
22.	72.5
23.	S
24.	S
25.	N
33a.	$EF = FG = \sqrt{17}$ and $GH = HE = \sqrt{29}$ , so $\overline{EF} \cong \overline{FG}$ and $\overline{GH} \cong \overline{HE}$ . Thus $EFGH$ is a kite, since it has exactly 2 pairs of $\cong$ cons. sides.
33b.	$m\angle E = m\angle G = 126^\circ$

Question	Answer
40.	trap.
42.	
45.	Possible answer: Common props.: exactly one pair of $\parallel$ sides; two pairs of cons. $\angle$ supp.; length of midseg. is the average of the lengths of the bases; special props. of isosc. trap.: $\cong$ legs; two pairs of $\cong$ base $\angle$ ; $\cong$ diags.